

DOCKET SUPPORTING INFORMATION
CITY OF SAN DIEGO**EQUAL OPPORTUNITY CONTRACTING PROGRAM EVALUATION**

DATE:

October 12, 2007

01/08
104

SUBJECT: Amendment 3 - Agreement with HNTB Corp for Brown Field Airport Electrical System Upgrade

GENERAL CONTRACT INFORMATION

Amount of this Action: \$1,361,721.00

Recommended Consultant: HNTB Corporation

Amount of this Action: \$ 138,279.00

Original Contract: \$ 273,339.00

Cumulative Amount: \$ 485,343.00

Funding Source: Federal

SUBCONSULTANT PARTICIPATION

No Subconsultant participation on this action.

EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE

Equal Opportunity Required

HNTB Corporation submitted a Work Force Report for their San Diego County employees dated September 17, 2007. The Work Force Report reflects fewer than 15 employees and is, therefore, exempt from employment category goals.

ADDITIONAL COMMENTS

The *Work Force Analysis* is attached.

JLR

File: Admin WOFO 2000

Date WOFO Submitted: 9/17/2007

Input by: chg

Goals reflect statistical labor force

availability for the following:

2000 CLFA

San Diego, CA

City of San Diego/Equal Opportunity Contracting
WORK FORCE ANALYSIS REPORT

FOR

Company: HNTB (

Project: Montgomery Field Airport

I. TOTAL WORK FORCE:

	CLFA Goals		Black		CLFA Goals		Hispanic		CLFA Goals		Asian		CLFA Goals		American Indian		CLFA Goals		Filipino				White				Other	
			M	F			M	F			M	F			M	F			M	F			M	F			M	F
Mgmt & Financial	3.3%	0	0	0	11.9%	0	0	0	6.2%	1	0	0	0.4%	0	0	0	6.2%	0	0	0			0	0			0	0
Professional	4.0%	0	0	0	12.6%	0	0	0	6.5%	0	0	0	0.5%	0	0	0	6.5%	0	0	0			0	0			0	0
A&E, Science, Computer	2.8%	0	0	0	7.3%	0	0	0	16.2%	0	0	0	0.3%	0	0	0	16.2%	0	0	0			1	1			0	0
Technical	6.6%	0	0	0	14.8%	0	0	0	17.2%	0	0	0	0.4%	0	0	0	17.2%	0	0	0			2	1			0	0
Sales	3.9%	0	0	0	19.5%	0	0	0	6.8%	0	0	0	0.6%	0	0	0	6.8%	0	0	0			0	0			0	0
Administrative Support	7.0%	0	0	0	20.8%	0	0	0	8.8%	0	0	0	0.6%	0	0	0	8.8%	0	0	0			0	1			0	0
Services	5.5%	0	0	0	36.9%	0	0	0	9.7%	0	0	0	0.6%	0	0	0	9.7%	0	0	0			0	0			0	0
Crafts	4.5%	0	0	0	25.8%	0	0	0	9.1%	0	0	0	0.7%	0	0	0	9.1%	0	0	0			0	0			0	0
Operative Workers	4.3%	0	0	0	38.8%	0	0	0	20.8%	0	0	0	0.3%	0	0	0	20.8%	0	0	0			0	0			0	0
Transportation	8.1%	0	0	0	32.1%	0	0	0	4.5%	0	0	0	0.5%	0	0	0	4.5%	0	0	0			0	0			0	0
Laborers	4.4%	0	0	0	54.0%	0	0	0	4.1%	0	0	0	0.5%	0	0	0	4.1%	0	0	0			0	0			0	0
TOTAL		0	0			0	0			1	0			0	0			0	0			3	3			0	0	

HOW TO READ TOTAL WORK FORCE SECTION:

The information blocks in Section 1 (Total Work Force) identify the absolute number of the firm's employees. Each employee is listed in their respective ethnic/gender and employment category. The percentages listed under the heading of "CLFA Goals" are the County Labor Force Availability goals for each employment and ethnic/gender category.

Mgmt & Financial
Professional
A&E, Science, Computer
Technical
Sales
Administrative Support
Services
Crafts
Operative Workers
Transportation
Laborers

TOTAL

TOTAL EMPLOYEES		
ALL	M	F
1	1	0
0	0	0
2	1	1
3	2	1
0	0	0
1	0	1
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
7	4	3

Female
Goals
39.8%
59.5%
22.3%
49.0%
49.4%
73.2%
62.3%
8.6%
36.7%
15.2%
11.1%

HOW TO READ EMPLOYMENT ANALYSIS SECTION:

The percentages listed in the goals column are calculated by multiplying the CLFA goals by the number of employees in that job category. The number in that column represents the percentage of each protected group that should be employed by the firm to meet the CLFA goal. A negative number will be shown in the discrepancy column for each underrepresented goal of at least 1.00 position.

This firm has fewer than 15 employees and is, therefore, exempt from the employment category goals.

001591

01/08

104

REQUEST FOR COUNCIL ACTION

CITY OF SAN DIEGO

1. CERTIFICATE NUMBER
(FOR AUDITOR'S USE ONLY)

AC 2800351

TO: CITY ATTORNEY

2. FROM (ORIGINATING DEPARTMENT):
AIRPORTS DIVISION

3. DATE: October 3, 2007

4. SUBJECT:

Amendment No. 3 - Agreement with HNTB Corp. for Brown Field Airport Airfield Electrical System Upgrade

5. PRIMARY CONTACT (NAME, PHONE, & MAIL STA.)

Mike Tussey (858) 573-1441 MS14

6. SECONDARY CONTACT (NAME, PHONE, & MAIL STA.)

Michael Maria (858) 573-1426 MS14

7. CHECK BOX IF REPORT TO COUNCIL IS ATTACHED



8. COMPLETE FOR ACCOUNTING PURPOSES

FUND	30244	30244	9. ADDITIONAL INFORMATION / ESTIMATED COST:
DEPT.	30244	30244	
ORGANIZATION	114	114	
OBJECT ACCOUNT	4151	4279	
JOB ORDER	313000	310011	
C.I.P. NUMBER	31-300.0	31-001.1	
AMOUNT	\$138,279	\$1,361,721	
			FY 2008
			Construction Phase I: \$ 964,240.00
			Construction Ph I Contingency \$ 96,424.00
			Design Consultant: \$ 347,064.00
			Approved Budget \$ 1,500,000.00
			City Staff: \$ 189,373.55
			Total Previously Approved: \$ 3,097,101.55
			Project Cost to date: \$ 1,597,101.55
			Current Request \$ 138,279.00
			Budget amount to transfer to Annual Allocation \$ 1,361,721.00

10. ROUTING AND APPROVALS

ROUTE (#)	APPROVING AUTHORITY	APPROVAL SIGNATURE	DATE SIGNED	ROUTE (#)	APPROVING AUTHORITY	APPROVAL SIGNATURE	DATE SIGNED
1	ORIG. DEPT	<i>Mike Tussey</i>	3 Oct 2007	8	DEPUTY CHIEF	<i>John H. ...</i>	10-29-07
2	EOCP	<i>P. Lewis for Cg.</i>	10-15-07	9	CITY ATTORNEY	<i>John H. ...</i>	11-19-07
3	E.A.S.	<i>Mark ...</i>	10/5/07	10	ORIG. DEPT.	<i>Mike Tussey</i>	2 Oct 2007
4	DOCKET LIAISON	<i>...</i>	10/19/07	11			
5	FM CIP	<i>Andrew ...</i>	11/1/07		DOCKET COORD:	<i>...</i>	11/28/07
6	AUDITOR	<i>Becky ...</i>	11/2/07		COUNCIL PRESIDENT	<i>28</i>	
7					<input type="checkbox"/> SPOB <input checked="" type="checkbox"/> CONSENT <input type="checkbox"/> ADOPTION		
					<input type="checkbox"/> REFER TO: _____	COUNCIL DATE: 1/8/08	

11. PREPARATION OF:

☒ RESOLUTIONS☐ ORDINANCE(S)☐ AGREEMENT(S)☐ DEED(S)

(Please see the other side.)

11A. STAFF RECOMMENDATIONS:

Adopt the Resolutions.

12. SPECIAL CONDITIONS (REFER TO A.R. 3.20 FOR INFORMATION ON COMPLETING THIS SECTION.)

COUNCIL DISTRICT: 8 (Hueso)

COMMUNITY AREA: Otay Mesa

ENVIRONMENTAL IMPACT: This activity is not a "project" and is therefore not subject to CEQA pursuant to State CEQA Guidelines Section 15060 (c)(3).

HOUSING IMPACT: None

ATTACHMENTS: Consultant proposed Contract Amendment No. 3.

CITY CLERK INSTRUCTIONS: Upon Council approval, please forward two (2) copies of the 1472 and Resolution(s) to Grace Chao at Airports Division, M.S. 14.

SECTION 11 – PREPARATION OF: RESOLUTIONS, ORDINANCES, ETC. (CONTINUED):

1. Authorize the Mayor to execute Contract Amendment No. 3, to the agreement with HNTB Corporation for the design services of the Brown Field Electrical System Upgrades –Phase II and III, CIP No. 31-300.0, Brown Field Airfield Electrical Systems Upgrade, in the amount not-to-exceed \$138,279.00.
2. Authorizing the expenditure of \$138,279.00 from CIP No. 31-300.0, Brown Field Airfield Electrical Systems Upgrade, for the purpose of executing this Amendment No. 3.
3. Authorizing the City Auditor and Comptroller to transfer excess funds in the amount of \$1,361,721.00 from CIP No. 31-300.0, Brown Field Electrical System Upgrades–Phase I, to CIP No. 31-001.1, Brown Field Annual Allocation.

DATE REPORT ISSUED: October 3, 2007. REPORT NO.
ATTENTION: Council President and City Council
ORIGINAL DEPT.: Airports Division
SUBJECT: Amendment No. 3 - with HNTB Corp. for Brown Field Airfield
Electrical System Upgrade
COUNCIL DISTRICTS: (8) Hueso
STAFF CONTACT: M. Tussey (858) 573-1441 / M. Maria (858) 573-1426

REQUESTED ACTION:

Approve this Amendment No. 3, to the Agreement with HNTB Corporation, to provide additional design and construction support services for Phase II and Phase III and authorizing the Auditor and Comptroller to transfer excess funds in the amount of \$1,361,721.00 from CIP No. 31-300.0, Brown Field Electrical System Upgrades – Phase I, to CIP No. 31-001.1, Brown Field Annual Allocation.

STAFF RECOMMENDATIONS:

Staff recommends the approval of the resolutions.

EXECUTIVE SUMMARY:

The Airports Division has proposed improvements to the Brown Field Airfield electrical system. This work is designated as a high priority by the Federal Aviation Administration (FAA), due to its impact on safety. The FAA has provided a funding agreement in the amount of \$1,111,500.00 for the construction of this project for the first phase of upgrades. Currently, the construction for Phase I of this project is underway.

HNTB Corporation was the consultant selected to design this project. Initially, the agreement between the City and HNTB was to design this project as one phase. Unfortunately, the FAA was only able to provide \$1.1 million in grant funding for the construction, for an estimated \$4.5 million project. The FAA has scheduled to provide additional funding for the remaining work in the future. Therefore, HNTB will provide a second and third phase set of drawings and specifications for bid and has requested funding for these additional services.

The original Consultant Contract executed with HNTB in the amount of \$249,800.00 was filed 12/28/04. The first Consultant Contract Amendment in the amount of \$23,339.00 was filed on 5/2/05. Consultant Contract Amendment No. 2 in the amount of \$73,925 was filed on 12/5/05. This proposed Contract Amendment No. 3 in the amount of \$138,279.00 will bring the total contract compensation for the consultant's design and construction support services to \$485,343.00.

During the 2008 budget preparation for the Airports, \$1,500,000.00 was erroneously appropriated to CIP No. 31-300.0, Brown Field Electrical System Upgrades, instead of CIP No. 31-001.1, Brown Field Annual Allocation. Current request is to authorize the expenditure of \$138,279.00 from CIP No. 31-300.0, Brown Field Airfield Electrical Systems Upgrade, for the purpose of executing the proposed amendment No. 3 and transfer the balance of \$1,361,721.00 to CIP No. 31-001.1, Brown Field Annual Allocation.

FISCAL CONSIDERATIONS:

The \$138,279.00 compensation for the consultant design services under Amendment No. 3 is available in the project CIP No. 31-300.0, Brown Field Electrical System Upgrades, contingent upon the City Auditor and Comptroller certifying funds are available for this purpose.

PREVIOUS COUNCIL AND COMMITTEE ACTIONS:

- Accept proposed Design Consultant's (HNTB) 2nd amended project scope of services for an additional \$73,925.00 and not to exceed a total contract amount of \$347,064. This work was to provide Phase I construction support services that was not defined in the original agreement.
- Accept FAA Airport Development Grant in the amount of \$1,111,500.
- Accept bid and award Phase I Construction contract to Nova Electric Inc. in the amount of \$964,240.
- Authorize the expenditure of \$ 1,267,101.55 from CIP 31-300.0 for Phase I of this project.
- Authorize the Auditor and Comptroller to transfer \$155,601.55 from Fund 310010, Annual Allocation, to CIP 31-300.0; for the purpose of providing FAA grant matching funds.
- Authorize the Auditor and Comptroller to appropriate \$1,500,000.00 to CIP No. 31-300.0, Brown Field Electrical System Upgrades – Phase I, per the 2008 budget ordinance No. 0-19652.

COMMUNITY PARTICIPATION AND PUBLIC OUTREACH EFFORTS:


During the initial design stages, this project was presented to the Airport Advisory Committee (AAC), who is in favor of this capital improvement. The users of Brown Field Airport will be briefed at upcoming AAC meetings, by the Deputy Director of the Airports Division.

KEY STAKEHOLDERS & PROJECTED IMPACTS:

Key Stakeholders:

1. HNTB (Design Consultant)
2. Brown Field Airport Users and businesses.
3. FAA

Projected Impacts: The users of Brown Field Airport may encounter minor inconveniences during construction. After completion, users will experience improved safety.



Originating Department

Deputy Chief Operating Officer

001595

The City of San Diego
CERTIFICATE OF CITY AUDITOR AND COMPTROLLER

CERTIFICATE OF UNALLOTTED BALANCE

ORIGINATING

AC 2800351

DEPT. NO.: 720

I HEREBY CERTIFY that the money required for the allotment of funds for the purpose set forth in the foregoing resolution is available in the Treasury, or is anticipated to come into the Treasury, and is otherwise unallotted.

Amount: \$1,361,721.00 Fund: 41100

Purpose: To authorize the transfer of excess funds from CIP 313000, Brown Field Electrical Systems Upgrades- Phase I to CIP 310010, Brown Field Annual Allocation. (The FY2008 budget for Brown Field was erroneously appropriated to CIP 313000.)

Date: November 2, 2007

By:

Betsy Janis

ACCOUNTING DATA										
ACCTG. LINE	CY PY	FUND	DEPT	ORG.	ACCOUNT	JOB ORDER	OPERATION ACCOUNT	BENF/ EQUIP	FACILITY	AMOUNT
1	0	30244	30244	114	4278	313000		10510		\$1,361,721.00

CERTIFICATION OF UNENCUMBERED BALANCE

I HEREBY CERTIFY that the indebtedness and obligation to be incurred by the contract or agreement authorized by the hereto attached resolution, can be incurred without the violation of any of the provisions of the Charter of the City of San Diego; and I do hereby further certify, in conformity with the requirements of the Charter of the City of San Diego, that sufficient moneys have been appropriated for the purpose of said contract, that sufficient moneys to meet the obligations of said contract are actually in the Treasury, or are anticipated to come into the Treasury, to the credit of the appropriation from which the same are to be drawn, and that the said money now actually in the Treasury, together with the moneys anticipated to come into the Treasury, to the credit of said appropriation, are otherwise unencumbered.

Not to Exceed: \$138,279.00

Vendor: HNTB Corporation

Purpose: To authorize the expenditure of funds for the design services of the Brown Field Electrical System Upgrades- Phase II and III. (Amendment 3 to contract with HNTB)

Date: November 2, 2007

By:

Betsy Janis

ACCOUNTING DATA										
ACCTG. LINE	CY PY	FUND	DEPT	ORG.	ACCOUNT	JOB ORDER	OPERATION ACCOUNT	BENF/ EQUIP	FACILITY	AMOUNT
2	0	30244	30244	114	4278	313000		10510		138,279.00
TOTAL										\$138,279.00

RESOLUTION NUMBER R-_____

DATE OF FINAL PASSAGE _____

A RESOLUTION OF THE SAN DIEGO CITY COUNCIL AUTHORIZING THE MAYOR TO EXECUTE CONTRACT AMENDMENT NO. 3 WITH HNTB CORPORATION FOR DESIGN SERVICES AND CONSTRUCTION SUPPORT FOR THE BROWN FIELD AIRPORT ELECTRICAL SYSTEM UPGRADES, PHASES II AND III, CIP NO. 31-300.0; AUTHORIZE THE AUDITOR AND COMPTROLLER TO EXPEND UP TO \$138,279 FROM CIP NO. 31-300.0 FOR THE PURPOSES SET FORTH IN AMENDMENT NO. 3; AUTHORIZE THE AUDITOR AND COMPTROLLER TO TRANSFER EXCESS FUNDS IN THE AMOUNT OF \$1,361,721 FROM CIP NO. 31-300.0, BROWN FIELD ELECTRICAL SYSTEM UPGRADES, PHASE 1, TO CIP NO. 31-001.1, BROWN FIELD ANNUAL ALLOCATION.

WHEREAS, the City Airports Division continues its project to improve the runway lighting system at Brown Field Airport with a general upgrade, to be designed in accordance with Federal and State standards for airports, estimated to cost 4.5 million dollars, to increase safety and operation efficiency at Brown Field Airport; and

WHEREAS, the Federal Aviation Administration [FAA] designated this project as a high priority and provided \$1,111,500 for Phase 1 of the work; and

WHEREAS, it is anticipated that in the near future the FAA will provide additional funds to continue the improvements to be done in Phases 2 and 3; and

WHEREAS, the electrical upgrade is designed to correct the wet weather generalized failures of the system and associated repair bills; and

WHEREAS, Phases 2 and 3 of the project require additional design and construction support services; and

WHEREAS, HNTB Corporation is the consultant who provided design services, satisfactory to the Airport Engineer, on Phase 1 of this project and continuity in the plans and specifications is, in the opinion of the Airport Engineer, necessary and prudent in a project of this importance and scope; and


WHEREAS, during the 2008 budget preparation for the Airports Division the sum of \$1,500,000 was erroneously appropriated to CIP 31-300.0, Brown Field Electrical Upgrades, instead of CIP 31-001.1, Brown Field Annual Allocation, and said funds are needed by the Airports Division for Brown Field; NOW, THEREFORE,

BE IT RESOLVED, by the Council of the City of San Diego, as follows:

1. That the Mayor, or his designee, is authorized to execute Amendment No. 3 to the agreement between the City of San Diego and HNTB Corporation for Airfield Electrical Design of Brown Field Airport, a copy of which is filed in the office of the City Clerk as Document No. _____ (Amendment No. 3), for additional design services for Phases 2 and 3 of the Brown Field Electrical System Upgrade, CIP No. 31-300.0 in an amount not to exceed \$138,279; and
2. BE IT FURTHER RESOLVED THAT the Auditor and Comptroller is authorized to expend up to \$138,279 from CIP No. 31-300.0 for any of the purposes set forth in Contract Amendment No. 3; and
3. BE IT FURTHER RESOLVED THAT the Auditor and Comptroller is authorized to transfer \$1,361,721 from CIP No. 31-300.0, Brown Field Electrical System Upgrade Phase 1, to CIP No. 31-001.1, Brown Field Annual Allocation;

APPROVED: MICHAEL J. AGUIRRE, City Attorney

By



John H. Serrano
Deputy City Attorney

JHS:

11/19/2007

Or.Dept: Airports

R-2008-454

I hereby certify that the foregoing Resolution was passed by the Council of the City of San Diego, at this meeting of _____.

ELIZABETH S. MALAND
City Clerk

By _____
Deputy City Clerk

Approved: _____
(date)

JERRY SANDERS, Mayor

Vetoed: _____
(date)

JERRY SANDERS, Mayor

Passed by the Council of The City of San Diego on _____, by the following vote:

Council Members	Yeas	Nays	Not Present	Recused
Scott Peters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kevin Faulconer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toni Atkins	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Anthony Young	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brian Maienschein	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Donna Frye	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jim Madaffer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ben Hueso	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Date of final passage _____.

AUTHENTICATED BY:

JERRY SANDERS

Mayor of The City of San Diego, California.

ELIZABETH S. MALAND

City Clerk of The City of San Diego, California.

(Seal)

By _____, Deputy

Office of the City Clerk, San Diego, California

Resolution Number _____

CITY OF SAN DIEGO

AGREEMENT BETWEEN

THE CITY OF SAN DIEGO

AND

HNTB CORPORATION

FOR AIRFIELD ELECTRICAL DESIGN

at BROWN FIELD AIRPORT

AMENDMENT NO. 3

AMENDMENT NO. 3

To the Agreement between the

CITY OF SAN DIEGO

AND

HNTB CORPORATION

FOR

AIRFILED ELECTRICAL DESIGN of

BROWN FIELD AIRPORT

WHEREAS, the CITY, on October 28, 2004, entered into an AGREEMENT with HNTB Corporation (CONSULTANT), the original of which is on file in the Office of the City Clerk as City Manager Action C-12990; and subsequently issued Amendment No. 1, May 02, 2005, via Document C-13262; and Amendment No. 2, December 5, 2006, via Document RR-302176; and

WHEREAS, the CITY and CONSULTANT mutually desire to amend the AGREEMENT to increase the Not-to-Exceed Total Agreement value by \$138,279.00, and add new Scope of Services tasks;

NOW THEREFORE, the CITY and CONSULTANT agree to amend the AGREEMENT as follows:

1.0 Article III COMPENSATION

Paragraph 3.1 Amount of Compensation:

Delete in its entirety and replace with the following:

The City shall pay the Consultant for performance of all Professional Services rendered in accordance with this Agreement, including reasonably related expenses, in an amount Not-to-Exceed (NTE) \$485,343.00.

Paragraph 3.1.1.1

Delete in its entirety and replace with the following:

Scope of Services tasks with a NTE amount of \$485,143.00 as full compensation for all work described in this Agreement and its Exhibits except for Additional Services that may be authorized at the City's sole discretion under Paragraph 3.3 of this Agreement; and

2.0 EXHIBIT A – SCOPE OF SERVICES

ADD: Task 3.3, Phase II and Phase III Improvements;

as delineated in Attachment A to this Amendment No. 3.

THIS AMENDMENT NO. 3 to the AGREEMENT and AMENDMENT NO. 1, and AMENDMENT NO. 2 thereto, shall affect only the page(s), paragraph(s), and/or terms and conditions referred to herein. All other pages, paragraphs, and/or terms and conditions of this AGREEMENT shall remain in full force and effect.

IN WITNESS WHEREOF, this AMENDMENT NO. 3 to the Airfield Electrical System Design at Brown Field Airport is executed by the City of San Diego acting by and through its Mayor, or his designee, pursuant to San Diego Municipal Code section 22.3223, authorizing such execution, and by Consultant.

HNTB CORPORATION

By: 

Name:

Michael A. Kasman

Title:

Vice President

Date:

9-17-2007

THE CITY OF SAN DIEGO

By: _____

W. Downs Prior

Principal Contract Specialist

Date: _____

I HEREBY APPROVE the form and legality of the foregoing Amendment on this

_____ day of _____, 2007.

MICHAEL AGUIRRE, City Attorney

By: _____

Deputy City Attorney

AMENDMENT NO. 3

SCOPE OF SERVICES

Task 3.3 PHASE II, and PHASE III Improvements:

The original Bid Documents for the referenced project were completed and prepared based on the assumption that the City would receive the anticipated funding requirements for the project estimated at \$3.4 Million. This funding included the participation of the FAA through an Airport Improvement Program (AIP) grant. Unfortunately, as the City has learned, the FAA was not able to commit the needed level of funding. HNTB was asked to revise the bid documents for the project to reduce the scope consistent with the current funding level of approximately \$1M for fiscal year 2006. The project was then repackaged and bid to allow for the construction of the new airfield electrical vault.

On May 14, 2007, HNTB has been asked to prepare Phase II bid documents for remaining electrical improvements for the project consistent with the current anticipated funding level for 2008. It is anticipated that this will require splitting the Scope of the Project into two smaller bid packages that can be bid concurrently later this year. Consequently, for fiscal year 2008, the Bid Documents will be developed to include a base bid and one alternative that correspond with the committed FAA funding. There is the possibility that the City may not receive the necessary funding to award the alternative. If this is the case, then a third bid package will be prepared and re-bid the following year.

The compensation for these services shall be on a time-and material basis (billing rates plus direct expenses). Based on discussions with the FAA, the City could apply for funding reimbursements for these services via the grant process.

Phase II – Design Phase Services

As part of the Phase II design effort, it is anticipated that HNTB will make one interim submittal to City and the FAA to review prior to preparing 100% Bid Documents. After review, HNTB will incorporate

comments from all review agencies and will prepare final Plans, Specifications and Estimates. 100% Plans and Specs will be submitted to the City of San Diego Developmental Services. After review, HNTB will incorporate comments to allow for permitting.

HNTB will submit one set of final Adobe PDF files of the plans and one set of specifications.

Schedule of Services

The aforementioned scope of services will be provided in accordance with the following schedule:

Prepare 100% PS&E	8 weeks after approval of NTP
Final PS&E	2 weeks after approval of 100%PS&E
Bidding	4 weeks after approval advertise

Phase II -Construction Phase Services

HNTB will provide construction phase services and are described in the following paragraphs

A.1 General Administration and Construction Meetings

Consultant shall attend a Pre-Bid Conference as scheduled by the City, shall also assist the City in reviewing the bid results.

Consultant shall, as requested by the City, assist in responding to questions from prospective bidders and in the preparation and issuance of addenda during the bidding process. Consultant will prepare needed briefing material and attend the Pre-construction Conference. Consultant will attend five weekly progress meetings with representative from the City and the Contractor. Consultant will review and provide input on Meeting Minutes.

A.2 Design Support and Observation of Construction

Consultant shall provide observation of the Work during construction in order to observe the progress and quality of the various aspects of Contractor's work and to provide timely design input during construction. These visits will be limited, unless requested by the City of San Diego, to weekly visits after the progress meetings:

Consultant's primary role during the construction is to provide design input to City of San Diego and its representatives in order to minimize delays to construction; however, during the course of the observation, Consultant will advise The City or its field representative, in writing of any observations of defective work, work not in conformance with drawings and specifications, and lack of progress of work. Consultant will not, during visits or as a result of continuous observations of Contractor's work in progress, supervise, direct or have control over Contractor's work.

Interpretations, Clarifications and Corrections. Consultant shall issue necessary interpretations, clarifications and Requests for Information, "RFI," replies regarding the Contract Documents and in

connection therewith assist the City of San Diego with supplemental instructions and Change Orders as required, with reasonable promptness so as to cause no delay to Contractor or the Project.

Review of Submittals and Requests for Information. Consultant will review, note exceptions or make other appropriate recommendations in respect of Shop Drawings, Samples and other data which Contractor is required to submit as required by the Contract Specifications (collectively referred to herein as "Submittals"), and review and reply to RFI's, for conformance with the design concept of the Project and the intent of and compliance with the Contract Documents, with reasonable promptness so as to cause no delay to Contractor or the Project.

A.3 Post-Construction Services

Record Drawings. Prepare electronic record sets and sets of reproducible record prints showing those changes made during the construction process, based on the marked-up prints, drawings and other data furnished by Contractor to Consultant.

Final Inspection. Together with the City of San Diego, visit the Project to observe any apparent defects in the completed construction, assist City in consultations and discussions with Contractor concerning correction of such deficiencies, and make recommendations as to replacement, correction, or diminished value of defective work.

Phase III - Design Services

In the event, that funding is not available for the phase II alternative during the 2008 fiscal year. The alternative plans and specs from phase II shall be re packaged, re advertised and bid as Phase III. No modifications to the plans shall be required. HNTB shall prepare necessary revisions to the specifications and prepare a separate engineer's cost estimate.

Phase III -Construction Phase Services

B.1 General Administration and Construction Meetings

Consultant shall attend a Pre-Bid Conference as scheduled by the City, shall also assist the City in reviewing the bid results.

Consultant shall, as requested by the City, assist in responding to questions from prospective bidders and in the preparation and issuance of addenda during the bidding process. Consultant will prepare needed briefing material and attend the Pre-construction Conference. Consultant will attend five weekly progress meetings with representative from the City and the Contractor. Consultant will review and provide input on Meeting Minutes.

B.2 Design Support and Observation of Construction

Consultant shall provide observation of the Work during construction in order to observe the progress and quality of the various aspects of Contractor's work and to provide timely design input during construction. These visits will be limited, unless requested by the City of San Diego, to weekly visits after the progress meetings:

Consultant's primary role during the construction is to provide design input to City of San Diego and its representatives in order to minimize delays to construction; however, during the course of the observation, Consultant will advise The City or its field representative, in writing of any observations of defective work, work not in conformance with drawings and specifications, and lack of progress of work. Consultant will not, during visits or as a result of continuous observations of Contractor's work in progress, supervise, direct or have control over Contractor's work.

Interpretations, Clarifications and Corrections. Consultant shall issue necessary interpretations, clarifications and Requests for Information, "RFI," replies regarding the Contract Documents and in connection therewith assist the City of San Diego with supplemental instructions and Change Orders as required, with reasonable promptness so as to cause no delay to Contractor or the Project.

Review of Submittals and Requests for Information. Consultant will review, note exceptions or make other appropriate recommendations in respect of Shop Drawings, Samples and other data which Contractor is required to submit as required by the Contract Specifications (collectively referred to herein as "Submittals"), and review and reply to RFI's, for conformance with the design concept of the Project and the intent of and compliance with the Contract Documents, with reasonable promptness so as to cause no delay to Contractor or the Project.

B.3 Post-Construction Services

Record Drawings. Prepare electronic record sets and sets of reproducible record prints showing those changes made during the construction process, based on the marked-up prints, drawings and other data furnished by Contractor to Consultant.

Final Inspection. Together with the City of San Diego, visit the Project to observe any apparent defects in the completed construction, assist City in consultations and discussions with Contractor concerning correction of such deficiencies, and make recommendations as to replacement, correction, or diminished value of defective work.

ENGINEERING SERVICES FEE ESTIMATE

City of San Diego - Brown Field

Brown Field Airfield Electrical System Upgrade

Phase II and Phase III

LABOR

Scope Item	Description	Principal \$225.00	Project Manager \$160.00	Sr. Elec Engineer \$157.00	Electrical Engr. \$125.00	CAD Technician \$90.00	Clerical Support \$70.00	Total Hours	Total
Phase II	Revise Contract Documents								
	Sheet # Plan Sheet Revisions								
	G000 Title Sheet		0	0	2	2		4	\$430
	G001 General Structural Notes		0	0	0	0		0	\$0
	G002 Phasing plan and general notes		4	0	2	2		8	\$1,070
	G003 Site Layout/Survey Control		0	0	0	0		0	\$0
	G004 Pavement marking plans		0	0	2	2		4	\$430
	G005 Pavement marking plans		0	0	2	2		4	\$430
	G006 Pavement marking plans		0	0	2	2		4	\$430
	G007 Pavement marking details		0	0	0	0		0	\$0
	G008 New Vault Plan Site		0	0	0	0		0	\$0
	G009 New Vault Construction Details		0	0	0	0		0	\$0
	G010 New Vault Construction Details		0	0	0	0		0	\$0
	G011 New Vault Construction Details		0	0	0	0		0	\$0
	G012 New Vault Construction Details		0	0	0	0		0	\$0
	E001 Electrical Legend, Abbreviations, and Notes		0	0	0	0		0	\$0
	E002 Vault Grounding and Lightning Protection		0	0	0	0		0	\$0
	E003 New Vault Electrical Layout Plan		0	0	2	2		4	\$430
	E004 New Vault Electrical Elevations		0	0	2	2		4	\$430
	E005 Regulator Schedule		0	0	2	2		4	\$430
	E006 New Vault One-Line Diagram		0	0	0	0		0	\$0
	E007 Panel Schedule		0	0	2	2		4	\$430
	E008 New Circuit Overview		0	0	0	0		0	\$0
	E009 New Circuit Overview		0	0	0	0		0	\$0
	E010 New Circuit Overview		0	0	0	0		0	\$0
	E011 New Circuit Overview		0	0	0	0		0	\$0

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ENGINEERING SERVICES FEE ESTIMATE

City of San Diego - Brown Field

Brown Field Airfield Electrical System Upgrade

Phase II and Phase III

LABOR

Scope Item	Description	Principal \$225.00	Project Manager \$160.00	Sr. Elec Engineer \$157.00	Electrical Engr. \$125.00	CAD Technician \$90.00	Clerical Support \$70.00	Total Hours	Total
E012	New Circuit Overview		0	0	0	0		0	\$0
E013	Existing Vault Demolition Plan		0	0	0	2		2	\$180
E015	Create new plan single line diagram		2	2	6	8		18	\$2,104
E016	Create new plan for detail to connect into new vault		2	4	8	8		22	\$2,668
E101	Airfield Demo Plan		0	1	2	2		5	\$587
E102	Airfield Demo Plan		0	1	2	2		5	\$587
E103	Airfield Demo Plan		0	1	2	2		5	\$587
E104	Airfield Demo Plan		0	1	2	2		5	\$587
E105	Airfield Demo Plan		0	1	2	2		5	\$587
E106	Airfield Demo Plan		0	1	2	2		5	\$587
E107	Airfield Demo Plan		0	1	2	2		5	\$587
E108	Airfield Demo Plan		0	1	2	2		5	\$587
E109	Airfield Demo Plan		0	1	2	2		5	\$587
E110	Airfield Demo Plan								
E201	Airfield New lighting and Signage Plan		1	0	2	4		7	\$770
E202	Airfield New lighting and Signage Plan		1	0	2	4		7	\$770
E203	Airfield New lighting and Signage Plan		1	0	2	4		7	\$770
E204	Airfield New lighting and Signage Plan		1	0	2	4		7	\$770
E205	Airfield New lighting and Signage Plan		1	0	2	4		7	\$770
E206	Airfield New lighting and Signage Plan		1	0	2	4		7	\$770
E207	Airfield New lighting and Signage Plan		1	0	2	4		7	\$770
E208	Airfield New lighting and Signage Plan		1	0	2	4		7	\$770
E209	Airfield New lighting and Signage Plan		1	0	2	4		7	\$770
E210	Airfield Signage Plan		0	0	0	0		0	\$0
E211	Runway and Taxiway Light Fixture Schedule		1	0	2	4		7	\$770

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ENGINEERING SERVICES FEE ESTIMATE

City of San Diego - Brown Field

Brown Field Airfield Electrical System Upgrade

Phase II and Phase III

LABOR

Scope Item	Description	Principal \$225.00	Project Manager \$160.00	Sr. Elec Engineer \$157.00	Electrical Engr. \$125.00	CAD Technician \$90.00	Clerical Support \$70.00	Total Hours	Total
E212	Runway and Taxiway Light Fixture Schedule		1	0	2	4		7	\$770
Note: All plans are one sheet unless otherwise noted.									
	Subtotal Phase II Design		19	15	72	98	0	204	\$23,215
Construction Support Services Phase II									
	Construction Phase								
	Pre-Construction Conference (1)		6	0	6	0	0	12	\$1,710
	Weekly progress meetings (5)		40	0	40	0	0	80	\$11,400
	Reviews, submittals, shop drawings, and substitution requests		24	14	140	0	18	196	\$24,798
	Provide clarifications, interpretations, and RFIs		8	0	30	0	8	46	\$5,590
	Participate in final walk through and Punch List		6	0	8	0	0	14	\$1,960
	Provide final record drawings		8	0	20	0	40	68	\$6,580
	Redevelop Specification		8	8	16	0	8	40	\$5,096
	Develop Engineers Estimate		4	4	6	0	4	18	\$1,710
	Building Department Submittal		8	0	16	0	32	56	\$5,520
	City Plan Check Fees								\$3,000
	Subtotal Phase II Construction	0	112	26	282	0	110	530	\$67,364
Phase III									

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ENGINEERING SERVICES FEE ESTIMATE

City of San Diego - Brown Field

Brown Field Airfield Electrical System Upgrade

Phase II and Phase III

LABOR

Scope Item	Description	Principal \$225.00	Project Manager \$160.00	Sr. Elec Engineer \$157.00	Electrical Engr. \$125.00	CAD Technician \$90.00	Clerical Support \$70.00	Total Hours	Total
	Redevelop Specification		6	0	16	0	0	22	\$2,960
	Develop Engineers Estimate		0	0	16	0	0	16	\$2,000
	Construction Support Services Phase III								
	Construction Phase								
	Pre-Construction Conference (1)		6	0	6	0	0	12	\$1,710
	Weekly progress meetings (5)		40	0	40	0	0	80	\$11,400
	Reviews, submittals, shop drawings, and substitution requests		24	0	60	0	18	102	\$12,600
	Provide clarifications, interpretations, and RFIs		8	0	30	0	8	46	\$5,590
	Participate in final walk through and Punch List		6	0	6	0	0	12	\$1,710
	Provide final record drawings		8	0	20	40	0	68	\$7,380
	Subtotal Phase III	0	98	0	194	40	26	358	\$45,350
	Subtotal Phase II and Phase III		229	41	548	138	136	1,092	\$135,929

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